



Sun Fire™ V250 Server Installation FAQ

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Part No. 817-5039-10
November 2003, Revision 50

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Sun Fire V250 Server Installation FAQ

This document supports the Sun Fire V250 Server Installation Guide.

The aim of this document is to provide some additional information for people who are setting up a Solaris system for the first time, and who may be unfamiliar with some of the terms and concepts referred to in the *Sun Fire V250 Server Installation Guide*.

Hardware Setup

What do I do if components are missing?

If any components are missing, contact your Sun sales representative for replacements.

What is a terminal, and what is a console?

The Sun Fire V250 is a server, which means it will typically be managed remotely. This means that, instead of connecting a keyboard and monitor to it directly and using it like a personal computer, you access it over a network from another machine that is connected to the same network. The machine you access the server from is known as the terminal or console. You can use any computer as the terminal, as long as it is attached to the same network as the Sun Fire V250 server.

A window appears in your terminal or console display, in which you type commands for the server. That window is referred to as the terminal or console window.

What is a tip connection?

You give commands to the server by typing them into the console window that appears on your terminal when the connection is set up. The command you use to set up this connection is called tip, and so the connection is sometimes known as a tip connection.

I have a console prompt. But the machine isn't powered on. What am I connecting to?

The prompt you see is the Advanced Lights Out Manager (ALOM) prompt, `sc>`. ALOM is management software that becomes active when the server enters standby mode. This happens as soon as a power cable is attached to the server. It can be useful in some situations to be able to issue ALOM commands with the server in standby power mode.

From the `sc>` prompt, you can type the command that powers the server on.

Why can't I power the server on by using the on/standby button?

You can, but powering on from the keyboard is better, because it enables you to see any output from the server in the terminal window as it powers up.

What is the difference between 'standby' and 'on'?

When you connect the server to a power source, it goes into standby power mode. This means that auxiliary power is applied to the ALOM hardware, but the rest of the server has no power. When you power the server on, power becomes available to the whole server.

What is the operation mode switch?

This is a hardware feature that forces the server into different behaviours. It is located on the server's front panel, behind the door. Details of each position and associated server behaviour are contained in the *Sun Fire V250 Server Administration Guide*. When you are carrying out the installation procedures, the operation mode switch should be in the Normal or Diagnostics positions.

Software Setup

What is the password for?

The first time you use the server, you are automatically logged in as the admin user. You will be asked to provide a password, which you will need for future use when you need to log in to the server again. It is important that you do not forget or lose this password as it cannot be changed.

Issue any command to start the password procedure. Details of what form the password should take are given in the Sun Fire V250 Server Installation Guide.

What does typing console at the sc> prompt do?

This command takes you to the Solaris Operating Environment command prompt. From there, you can issue Solaris commands. Solaris and ALOM work together, but are different things and that is why they each have their own command prompt.

